HP Designjet 4520 Printer series

Achieve greater productivity, better cost control and excellent quality with the HP Designjet 4520 Printer Series. Large input and output capacity enables unattended printing and you can produce professional quality output at more competitive prices.

HP Designjet 4520
42-in Printer

HP Designjet 4520ps
42-in Printer

Designed for large departments in Enterprise and Public Sector environments or reprographic houses that print nonstop in centralised production environments, who need unattended printing of high-quality large-format output.

Increase your capacity and productivity with unattended colour production and low cost operation.
Take advantage of unattended colour printing with two long media rolls up to 175 metres, fast automatic roll switching and reliable HP ink cartridges. Maximise productivity with HP Double Swath technology which delivers twice the performance[1]. Experience fast, simultaneous processing and printing thanks to In-printer processing, which also provides HP-GL/2, PDF and PS[2] support. Easily store large files with 160 GB Hard Disk Drive and process complex files with 1120 MB of memory[3].

Grow your business by creating outstanding prints at competitive prices.
Be more productive with the free HP Instant Printing Utility which enables fast preview and single-click batch printing. Remotely manage printer, ink and media usage with the embedded Web server. Create a print workflow management system with optional stacker and SCP reprocontrol for HP[4]. Produce excellent images with patented HP inks, printheads enabling 0.1% line accuracy, and HP Professional Color technologies. Expand your business with high performance copy and scan capabilities.

Experience easy and reliable integration, efficient sharing and enhanced security.
Share this HP Designjet among authorised workgroups thanks to built-in Gigabit Ethernet networking and optional Jetdirect support for secure IPSEC and IPv6[5]. The embedded Web server secures your printing environment through advanced access control. Manage your printer or fleet of devices with HP Web Jetadmin which helps you control color costs, secure devices and streamline supplies management. Enjoy peace of mind with a printer from HP, a market leader with years of experience and expertise.

1 Compared to any HP Designjet 600/700/800/1000 series printer

2 Postscript support (in English only) available on the HP Designjet 4520ps Printer

3 Maximum memory includes 608 MB RAM plus 512 MB accessory

4 SCP Reprocontrol Production Software for HP is an optional feature; not included, sold separately

5 IPSEC and IPv6 support requires the purchase of the HP Jetdirect 630n or HP Jetdirect 635n.

Technical specifications

Print technology	HP Thermal Inkjet
Printhead nozzles	524
Print resolution	Up to 2400 x 1200 optimised dpi from 1200 x 1200 dpi input on glossy media
Number of inks	Black, cyan, magenta, yellow
Ink types	Dye-based (C, M, Y), pigment-based (K)
Ink drop size	5 pl (C, M, Y), 15 pl (K)
Line	Line accuracy: +/- 0.1%. Minimum width: 0.07 mm (ISO/IEC 13660:2001(E))
Print languages	HP Designjet 4520 42-in Printer: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; DJ4520ps 1067 mm: Adobe® PostScript® 3, Adobe® PDF 1.5, TIFF, JPEG, HP-GL/2, HP-RTL, CALS G4
Memory	Standard: 608 MB; Maximum: 1.12 GB Upgradability: Expandable to 1.12 GB through a 512 MB Designjet qualified DIMM. Hard disk: Standard, 160 GB.
Print margins (mm)	5 mm (top), 5 mm (right), 5 mm (left), 5 mm (bottom)
Media types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte), technical paper (natural tracing, translucent bond, vellum), film (clear, matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), proofing paper (semi-gloss, semi-gloss contract), self-adhesive (indoor paper, polypropylene, vinyl), banner and sign material (outdoor paper, blue back billboard paper)
Media sizes	
Maximum media length	Roll: 175 m
Maximum media width	1067 mm
Media thickness	Up to 0.4 mm
Recommended media weight	50 to 328 g/m²
Roll	Maximum diameter: 180 mm
Media handling	Two automatic rolls, automatic roll switching, automatic cutter
Interface and connectivity	Standard: Gigabit Ethernet (1000Base-T); FireWire (IEEE-1394a compliant); EIO Jetdirect accessory slot. Optional: HP Jetdirect print servers
Control panel	Monochrome, illuminated and graphical LCD display area; 2 LEDs: Power, Status; 8 keys: Power, Reset, Form Feed and Cut, Cancel, Up, Down, Back, Select; 1 basic On/Off buzzer
Printer management	HP Embedded Web Server
Drivers included	HP Designjet 4520 42-in Printer: HP-GL/2, HP-RTL Windows® drivers, support for Citrix® XenApp and Citrix® XenServer environments, HP PCL 3 GUI driver for Mac OS X; DJ4520ps 1067 mm: HP-GL/2, HP-RTL, PostScript® drivers for Windows®, HP PCL 3 GUI, PostScript® drivers for Mac OS X, support for Citrix® XenApp and Citrix® XenServer environments
Software	HP Designjet Windows® drivers, HP Designjet Mac drivers, ICC profiles
Network operating systems compatibility	Windows Vista® (32/64-bit), Microsoft® Windows® Server 2008 (32/64-bit), XP Home and Professional (32/64-bit), Server 2003 (32/64-bit), Mac OS X v10.4, v10.5, Linux
Minimum system requirements	Microsoft® Windows®, Linux: Intel® Pentium® 4 (1 GHz), 512 MB RAM, 2 GB available hard disk space. Mac OS X v10.4 or higher: PowerPC G3 or Intel® Core Processor, 512 MB RAM, 1 GB available hard disk space
Recommended system requirements	Microsoft® Windows®, Linux: Intel® Pentium® 4 (1 GHz), 1 GB RAM, 2 GB available hard disk space. Mac OS X v10.4 or higher: PowerPC G4, G5, or Intel® Core Processor, 1 GB RAM, 2 GB available hard disk space
Power	Requirements: Input voltage (auto ranging) 100 to 127 VAC (+/- 10%), 6 A; 220 to 240 VAC (+/- 10%), 3 A; 50/60 Hz (+/- 3 Hz). Supply: Internal: built-in universal power supply. Consumption: 500 watts maximum (active), 105 watts maximum (standby), 63 watts maximum (powersave), less than 1 watt maximum (off)
Dimensions (w x d x h)	Out of package: 1930 x 800 x 1350 mm. Packaged: Printer: 2130 x 775 x 1320 mm; Multiroll: 1420 x 480 x 510 mm
Weight	Out of package: 185 kg. Packaged: Printer: 227.3 kg; Multiroll: 36 kg
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 15 to 30° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 25 to 75% RH. Storage temperature: -20 to 55° C. Storage humidity: 0 to 95% RH. Noise level per ISO 9296: sound power: LwAd 7 B(A) (active), 5.7 B(A) (standby). Sound pressure: LpAm 53 dB(A) (active), 38 dB(A) (standby)
Certifications	Safety: EU (LVD and EN60950-1 compliant), Russia (GOST). EMC certifications: Compliance for Class A ITE products: EU (EMC Directive)
Warranty	Two-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

CM767A Printer, printer stand and bin, printheads (x 8), printhead cleaners (x 8), introductory ink cartridges, roll module, user maintenance kit, quick reference guide, setup poster, documentation and drivers software, power cord

CM768A HP Designjet 4520ps 1067 mm Printer with embedded Adobe PostScript

Accessories

CN088A Serif PosterDesigner Software Pro for HP Designjet Printers

Q5677A HP Designjet 220V Stacker

CM973A HP Designjet 512 MB Memory Upgrade

Q5680A HP Designjet High Speed USB 2.0 Card

J7961G HP Jetdirect 635n IPv6/IPsec Print Server

CN455A SCP reprocontrol for HP (2 printers)

Ink supplies

C5054A HP 90 Black Printhead and Printhead Cleaner

C5055A HP 90 Cyan Printhead and Printhead Cleaner

C5056A HP 90 Magenta Printhead and Printhead Cleaner

C5057A HP 90 Yellow Printhead and Printhead Cleaner

C5058A HP 90 400-ml Black Ink Cartridge

C5059A HP 90 775-ml Black Ink Cartridge

C5061A HP 90 400-ml Cyan Ink Cartridge

C5063A HP 90 400-ml Magenta Ink Cartridge

C5065A HP 90 400-ml Yellow Ink Cartridge

Media supplies

CG891A HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)

Q8751A HP Universal Bond Paper-914 mm x 175 m (36 in x 574 ft)

CG885A HP Cockle-free Coated Paper-1067 mm x 45.7 m (42 in x 150 ft)

C3868A HP Natural Tracing Paper-914 mm x 45.7 m (36 in x 150 ft)

Service & support

UN397E HP Care Pack, Next Business Day Hardware Support, 3 years

UN396E HP Care Pack, Next Business Day Hardware Support, 4 years

UN395E HP Care Pack, Next Business Day Hardware Support, 5 years

UN390E HP Care Pack, 4 Hour Response Time 13x5 Same Day On-site Hardware Support, 3 years

UN391PE HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year

UN385PE HP Care Pack, Post Warranty 4 hour 13x5 Same Day On-site Hardware Support, 1 year

H7604E Standard Installation

H4518E Network Installation

For a complete list of supplies, accessories and services, please refer to http://www.hp.com/go/designjet

http://www.hp.com/uk

Published in EMEA 06/10 4AA2-4795EEE

© Copyright 2009 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP Products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.